

KOWARZYKOWA, Zofia; ZARZYCKI, Jan; KOWALEWSKA, Danuta; CZECHOWICZ,
Kazimierz; PERYT, Alina.

Attempted application of cytochemical reactions in cultivated heart fragments. Postepy hig. med. dosw. 16 no.1:135-138 '62.

1. Z Pracowni Hodowli Tkanek Instytutu Immunologii i Terapii
Dcswiadczalnej PAN im. L. Hirszfelda we Wroclawiu Kierownik:
prof. dr Z.Kowarzykowa.
(HEART anat & histol) (TISSUE CULTURE)

KOWARZYK, Hugon; KOWARZYK, Zofia

A new principle for vectorcardiographic leads. Pol. tyg. lek. 19
no.20:741-744 11 My '64.

1. Z Katedry Patologii Ogólnej i Doswiadczałnej Akademii Medycznej
we Wrocławiu i z Instytutu Immunologii i Terapii Doswiadczałnej
Polskiej Akademii Nauk im. Ludwika Hirszfelda we Wrocławiu.

KOWARZYK, H.; KOWARZYK, Z.; JAGIELSKI, J.; OLEJNICZAK, P.; PASZKOWSKI, P.

Premises for the unification of electrocardiography and vector-
cardiography. Pol. tyg. lek. 20 no.19:667-671 10 My '65.

KOWARZYK, H.; KOWARZYK, Z.; JAGIELSKI, J.; HASIK, J.

Precordial band in vector electrocardiograms. Pol. tyg. lek.
20 no.16:548-550 19 Ap '65.

1. Z Katedry Patologii Ogolnej i Doswiadczalnej AM we Wroclawiu
i z II Katedry Chorob Wewnetrznych AM w Poznaniu.

POLAND

KOWARZYKOWA, Zofia, ZABRZYCKI, Jan, KARPIAK, Stanislaw E.,
KOWALEWSKA, Danuta, PERYT, Alina, and CZECHOWICZ, Kazimierz;
Institute of Immunology and Experimental Therapy (Instytut
Immunologii i Terapii Doswiadczalnej) im. L. Hirszfelda, PAN
[Polska Akademia Nauk, Polish Academy of Sciences], Wroclaw

"Metabolic Gradient in the Embryo Heart."

Warsaw, Postepy Higieny i Medycyny Doswiadczalnej, Vol 17,
No 1-2, 63, pp 207-208.

Abstract: Preliminary report. Comparative studies of the
PAS reaction in auricular and ventricular tissues of the
chick embryo heart in vitro led to differential studies of
the carbohydrate metabolism in pulps and extracts of these
tissues. Biochemical determinations revealed a metabolic
gradient, not previously noted to the knowledge of the
authors. The five (5) references contain three (3) En-
glish and two (2) Polish sources.

1/1

KOWARZEYKA, HENRYK; KOWARZEYKOWA, W. (Pani); NOWAK, Edward; JAGIELSKI, Jozef;
HOLIS, Jozef; ULEC, Wacyslaw

The problem of vectorcardiographic investigations in the newborns.
Ginek. Pol. 36 no.8:883-890 Ag 1961.

1. Z Oddziala Kardiologicznego PPA No. 1 w Krakowie (Kierownik:
prof. dr. med. Z. Kowarzyk) i z Kliniki Poloznictwa i Chorob
Kobiet Akademii Medycznej w Krakowie (Kierownik: prof. dr.
med. K. Nowosad).

KOWARZYKOWA, Zofia; ZARZYCKI, Jan; KARPIAK, Stanislaw E.; KOWALEWSKA, Danuta;
KOCHMAN, Marian; PERYT, Alina; CZECHOWICZ, Kazimierz

The metabolic gradient in the development of embryonic chick heart.
Acta med. Pol. 4 no. 4: 351-360 '63.

1. Institute of Immunology and Experimental Therapy, Polish Academy
of Sciences, Wroclaw. Director: S. Slopek.

KOWARZYKOWA, Zofia; ZARZYCKI, Jan; KARPIAK, Stanisław E. KOWALEWSKA,
~~Danuta~~ ROCHMAN, Marian; PERYT, Alina; CZECHOWICZ, Kazimierz.

The metabolic gradient of the development of the embryonic
chick heart. Postepy hig.med.dosw. 17 no.6:689-698 N-D'63.

1. Z Instytutu Immunologii i Terapii Doswiadczałnej PAN im.
L.Hirszfelda we Wrocławiu.

*

KOWARZYŃ, Hugo; KOWARZYKOWA, Zofia; JAGIELSKI, Józef; KUBISZ, Tadeusz;
PASZKOWSKI, Paweł

Regular lead networks in vectorcardiography. Pol. tyg. lek.
19 no.21:777-780 18 My'64

1. Z Katedry Patologii Ogólnej i Doswiadczalnej Akademii Medycznej we Wrocławiu i z Instytutu Immunologii i Terapii Doswiadczalnej Polskiej Akademii Nauk imeni Ludwika Hirszfelda we Wrocławiu.

KOWARZYK, Hugon; KOWARZYKOWA, Zofia; DYBA, Konrad; JAGIELSKI, Jozef;
KUBISZ, Tadeusz; PASZKOWSKI, Pawel.

A proposed network of vectorcardiographic leads. Pol. tyg. lek.
19 no.22:820-823 25 My'64

1. Z Katedry Patologii Ogolnej i Doswiadczalnej Akademii Medycznej, z Katedry Geometrii Wykreslonej Politechniki i z Instytutu Immunologii i Terapii Doswiadczalnej Polskiej Akademii Nauk im. L. Hirszfelda we Wroclawiu.

KOWARZYKOWIE, Hugon; KOWARZYKOWIE, Zofia; KUBISZ, Tadeusz; SITNIEWSKI, Stefan

Reconstruction of the axonocardiogram in irregular triangles. Pol.
tyg. lek. 17 no. 41:1583-1586 8 0 '62.

1. Z Katedry Patologii Ogólnej i Doswiadczałnej i Ośrodka Kardiologicznego
przy P.S.K. Nr 1 Akademii Medycznej we Wrocławiu, kierownik: prof. dr
med. H. Kowarzyk.

(ELECTROCARDIOGRAPHY)

(VECTORCARDIOGRAPHY)

KOWAR, K, Hugon; KOWARZYKOWA, Zofia; DYBA, Konrad; JAGIELSKI, Jozef

Reconstruction of the axonocardiogram from the 30-point vector-
cardiograph; net.Pol.tyg.lek. 72 no.41:1553-1555 12 0 '64

1. Z Katedry Patologii Ogólnej i Doświadczalnej Akademii Medyc-
nej we Wrocławiu oraz z Instytutu Immunologii i Terapii Doświad-
czalnej Polskiej Akademii Nauk im. Ludwika Hirszfelda i Zakładu
Geometrii Wykresalnej Politechniki Wrocławskiej).

KOWARZYKOWIE, Hugon; KOWARZYKOWIE, Zofia; KUBISZ, Tadeusz; SITNIEWSKI, Stefan

Reconstruction of the axonocardiogram in irregular triangles. Pol.
tyg. lek. 17 no. 41:1583-1586 8 0 '62.

1. Z Katedry Patologii Ogólnej i Doswiadczałnej i Ośrodka Kardiologicznego
przy P.S.K. Nr 1 Akademii Medycznej we Wrocławiu, kierownik: prof. dr
med. H. Kowarzyk.

(ELECTROCARDIOGRAPHY)

(VECTORCARDIOGRAPHY)

KOWARZYKOWIE, Hugon; KOWARZYKOWIE, Zofia

Axono-cardiographic counterparts in hemodynamic overloading of the heart. Postepy hig. dosw. 16 no.3:615-620 '62.

1. Z Katedry Patologii Ogolnej i Doswiadczalnej AM we Wroclawiu
Kierownik: prof. dr H. Kowarzyk i z Osrodka Kardiologii przy PSK
nr 1 AM we Wroclawiu Kierownik: prof. dr Z. Kowarzykowa.
(VECTOCARDIOGRAPHY) (HEART DISEASE)

KOWARZYKOWIE, Hugon; KOWARZYKOWIE, Zofia

Axono-cardiographic counterparts in hemodynamic overloading of the heart. Postepy hig. dosw. 16 no.3:615-620 '62.

1. Z Katedry Patologii Ogolnej i Doswiadczałnej AM we Wroclawiu
Kierownik: prof. dr H. Kowarzyk i z Osrodka Kardiologii przy PSK
nr 1 AM we Wroclawiu Kierownik: prof. dr Z. Kowarzykowa.
(VECTORCARDIOGRAPHY) (HEART DISEASE)

L 34510-66 EMP(a) WH
ACC NR: KP6024747

SOURCE CODE: BU/0011/65/018/010/0931/0934

AUTHOR: Gerassimov, E.; Kowatschew, I.

ORG: Institute of Chemical Technology, Sofia

TITLE: Influence of Cr sub 2 0 sub 3 and certain combined additives on the sintering of corundum

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 931-934

TOPIC TAGS: sintering, corundum, solid solution, chromium oxide

ABSTRACT: The formation of a continuous series of solid solutions between Al_2O_3 and Cr_2O_3 is possible because of the similarity in their radii and the same valence of their respective cations. The present article is a continuation of an earlier work (Compt. rend. Acad. bulg. Sci., 18, 1965, no. 9) looking into the role Cr_2O_3 plays during the sintering of corundum. The analysis of the present tests shows that 1) in the 1600-1800°C temperature range Cr_2O_3 hampers the sintering of corundum; and 2) the combined $Cr_2O_3 + TiO_2$, $Cr_2O_3 + MgO$, and $Cr_2O_3 + MgO + TiO_2$ additives favorably enhance the sintering process. Tabulated results cover the linear contraction, water absorption, density, and hardness of the various samples. This paper was presented by Academician D. Ivanov on 8 April 1965. Orig. art. has: 2 tables. [Orig. art. in German.] [JPRS: 34,772]

SUB CODE: 08, 07, 13 / SUBM DATE: none / ORIG REF: 001 / SOV REF: 006

OTH REF: 004

L 42991-66 EWP(a)/EWP(t)/RTI LJP(c) JD/WH
ACC NR: AF6031799 SOURCE CODE: BU/0011/65/018/009/0309/0312

AUTHOR: Gerassimov, E.; Kowatschew, I.
ORG: College for Chemical Technology, Sofia
TITLE: Influence of MgO and TiO sub 2 on the sintering of corundum
SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 9, 1965, 809-812
TOPIC TAGS: sintering; corundum, magnesium oxide, titanium oxide, aluminum oxide, admixture, metallurgy

ABSTRACT: There still exist many unresolved questions concerning the sintering of Al_2O_3 , particularly in connection with the effect of various oxide additives on the actual process. The present paper reports on investigations trying to clarify the role of MgO and TiO_2 . Tests were carried out with technical aluminum oxide containing 98.9% Al_2O_3 , 0.1% SiO_2 , 0.02% F_2O_3 , 0.36% Na_2O , and 0.43% of baking losses. Tabulated results cover the linear contraction, water incorporation, density, and hardness according to Rockwell, scale A. Magnesium oxide acts at 1600° unfavorably but at 1700° favorably on the sintering of corundum. The optimum sintering quantity is 0.25%. Titanium dioxide is a strongly active mineralizer which reduces the sintering temperature of corundum down to 1450°. Optimum sintering quantity is 1%. Various combinations of the MgO + TiO_2 amounts (with the exception of 1:1) contribute already at 1600° to a product of high density and hardness. The sintering becomes increasingly difficult during a change from 1:4 to a 1:1 ratio. This paper was presented by Academician D. Ivanoff on 2 April 1965. Orig. art. has: 3 tables. [Orig. art. in German] [JPBS: 34,519]

SUB CODE: 11, 07 / SUBM DATE: 02Apr65 / SOV REF: 008 / OTH REF: 007

Card 1/1

L 37060-66 EWT(d)/T/EWP(f) WE

ACC NR: AP6005885 (A,N)

SOURCE CODE: FO/0082/65/000/010/0075/0080

AUTHOR: Kowerdej, A. (Lieutenant junior grade, Master engineer)

ORG: none

TITLE: New type of combustion engine²³

SOURCE: Przegląd morski, no. 10, 1965, 75-80

TOPIC TAGS: internal combustion engine, piston engine, engine combustion system, engine compressor system, engine crankshaft, engine ignition system, engine cylinder

ABSTRACT: This is a critical evaluation of the new type of internal combustion engine described by V. M. Kushul' in a Russian article. The unit, based on a new concept of the heat-engine cycle, operates on the two-stroke or four-stroke principle and on many types of fuel. It is made with two parallel simultaneously operating cylinders connected by a passage. Test results show that the engine has good starting, operating, and dynamic characteristics, and consumes 25% less fuel than previously estimated. Orig. art. has: 3 figures.

SUB CODE: 21 SUBM DATE: none

Card 1/1

L 41197-66 EWT(d)/EWT(m)/EWP(f)/T-2

ACC NR: AP6018253

(A, N)

SOURCE CODE: PO/0082/65/000/012/0025/0035

AUTHOR: Kowerdej, Aleksander (First lieutenant, Master engineer)

37
15

ORG: None

TITLE: Starting and reversing marine internal combustion engines

27

SOURCE: Przegląd morski, no. 12, 1965, 25-35

TOPIC TAGS: internal combustion engine, marine engine, engine starter system

ABSTRACT: The author gives a detailed analysis of the operating conditions of a marine internal combustion engine during start-up and reversal. The start-up period is defined as the time from the moment when the crankshaft begins to turn until sufficient fuel is ignited in the combustion chamber for the engine to operate when the starter is disconnected. Two types of problems associated with this period are studied: 1. External problems, i. e. factors which determine the thermal conditions in the engine, resistance due to friction and power delivered; 2. internal problems, i. e. factors which affect the fuel mixture as well as ignition and combustion conditions. Curves are given showing the effect of rpm on fuel injection pressure, and final temperature and pressure at TDC. The effect of prestart thermal conditions on the duration of the starting period is studied. Various methods are considered for improving start-up conditions by preheating the engine and fuel. Engine reversal is discussed as a three-step process consisting of stopping, reversal and restarting. Methods are discussed for speeding up the reversal process by reducing engine braking time. Orig. art. has: 10 figures, 2 tables.

SUB CODE: ~~13~~ 21/ SUBM DATE: none

Card 1/1 M L P

KOWIANSKI, Zbigniew

A case of lithiasis of the double gallbladder. Pol. przegl. chir. 37 no.4:331-333 Ap'65.

1. Z Oddziału Chirurgicznego Szpitala Ogólnego Nr.2 w Bydgoszczy (Ordynator: lek. B. Suszko).

KOWIERADZKI, M.

Some aids in planning labor and traction force. p. 164. NOWE ROLNICTWO.
Warszawa. Vol. 5, No. 4/1, 1955

Source: East European Accessions List, (EEAL), Lc, Vol. 5, No. 3, March, 1956

KOWIAŁACZYK, Jerzy

RETERSKI, Zdzisław; KOWIAŁACZYK, Jerzy

Intracutaneous pregnancy test. Gin. polska 28 no.6:705-708 Nov-Dec 57.

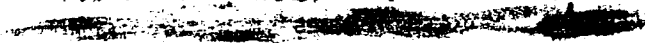
1. Z Kliniki Położnictwa i Chorob Kobietych A. M. w Łodzi. Kierownik
prof. dr med. J. Sierowzewski. Adres: Klinika Położnictwa i Chorob
Kobietych A. M. Łódź, ul. Curie-Skłodowskiej 15-17.

(PREGNANCY TESTS

intradermal colostrum test (Pol))

KOWLEWSKI, Miroslaw

The sense of responsibility for quality and precision of completion of export products has been increasing in the Polish industrial enterprises; an interview with J. Kutin, Deputy Minister of Foreign Trade. Preserl techn no.23/24:1,3 17 Jo 162.



KOWLOWSKI, Henryk; WOZNIAK, Leszek; ROWINSKI, Olgierd

Primary argentaffin-cell tumor of the ovary. Ginek. pol. no.4:
451-461 '62;

1. Z Zakładu Anatomii Patologicznej AM w Łodzi Kierownik: prof. dr
A. Pruszczyński i z Oddziału Ginekologiczno-Poleczniczego Szpitala
Powiatowego w Wieluniu Ordynator: dr O. Rowinski.
(ARGENTAFFINOMA) (OVARIAN NEOPLASMS)

KEDROWA, S.; KOWNACKA, A.; KOWNACKI, S.; WINOWSKA, R.; ZIEMCICHOD, T.;
ZIOBROWSKA, K.

Chloromycetin therapy of typhoid. Polski tygod. lek. 9 no.44:
1409-1413 2 Nov 54.

1. Z Kliniki Chorob A.M. w Krakowie; kierownik: prof. dr.
J.Kostrzewski.

(TYPHOID FEVER, therapy,
chloramphenicol)

(CHLORAMPHENICOL, therapeutic use,
typhoid fever)

KOWNACKA, Anna; ZIEMICHOD, Tadeusz

Results of the treatment of typhus abdominalis with small doses of racemic chloromycetin. Polski tygod. lek. 10 no.42:1367-1370 17 Oct 55.

1. Z Kliniki Chorob Zakaznych A.M. w Krakowie; kierownik: prof. dr. J. Kostrzewski. Krakow, Klinika Chorob Zakaznych Akademii M. Edycznej.

(CHLO AMPHENICOL, therapeutic use,
typhoid fever, small doses)

(TYPHOID FEVER, therapy,
chloramphenicol, small doses)

Kownacka, M

KOWNACKA, M.

KOWNACKA, M. Podrecznik do rozpoznawania odmian ziemniakow. Wyd. 3. popr. Warszawa, Państwowe Wydawn. Rolnicze i Leśne, 1954. 64 p. (Handbook for the identification of potato varieties. 3d rev. ed.)

DA

Not in DLC

AGRICULTURE

Poland

So: East European Accession, Vol. 6, No. 5, May 1957

KOWNACKA, M.

KOWNACKA, M. A bird under water. p. 13.

Vol. 28, no. 1, Jan, 1956

TURYSTA

Poland

So: East European Accession, Vol. 6, No. 5, May 1957

KOWNACKA, Maria

An attempt at determining a correlation between the results of the point analysis and the botanical-weight method. Postepy nauk roln 8 no.1: 95-100 '61. (EEAI 10:8)

1. Pracownia Gospodarki Gorskiej Instytutu Melioracji i Uzytkow Zielonych w Krakowie.
(Pastures)

KOWNACKA, Marta, mgr

Snails (Gastropoda) of the fishponds in Golysz and Landek.
Acta hydrobiol 5 no.2/3:173-187 '63.

1. Zaklad Biologii Wod, Polska Akademia Nauk, Krakow,
Slawkowska 17.

KOWNACKI, J.

Distr: 4E30'2 oys

γ -Spectrum of thulium-165. S. Chojanacki, A. Jasiński, J. Kownacki, H. Lancman (Inst. Badań Jądrowych, Warszawa), and I. A. Yutlandov. Polish Acad. Sci. Inst. Nuclear Research, Rept. No. 120/I-A, 6 pp. (1959) (in Russian).
The spectrum of Tm^{165} , produced by irradiating a Ta target with 600-m.e.v. protons and sep. the Tm prepn. by chromatographic fractionation, was obtained with a scintillation spectrometer fitted with a 100-channel pulse-height analyzer. The confirmed γ -transition lines were 243, 292, 352, 453, 810, 1172 ± 12 , and 1398 ± 12 e.kv. (cf. Gromov, *et al.*, C.A. 52, 2501g), a new line was 2007 ± 25 e.kv., and the relative intensities of 1172, 1398, and 2007 lines were 1:0.23:0.06.
A. Szalwański

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1-R5
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nmL

KOWNACKI, J.

Distr: 4E3c 2 cys/4E2b(v)

¹³
Spectrum of γ -radiation from a horizontal channel of a nuclear reactor? A. Jasinski and J. Kownacki (Inst. Badan Jądrowych, Warsaw). *Polish Acad. Sci. Trans. Nuclear Research, Rept. No. 121/1-A*, 5 pp. (1950) (in Russian). — γ -Spectra from a reactor during, immediately after, and 43 hrs. after operation, were measured within 30 to 1600 e.kv. with a NaI(Tl) scintillation spectrometer (cf. Park, J. Sci. Instr. 33, 257(1950)), Russian photomultiplier FEU-S, and 1-channel pulse-height analyzer, and are shown. The spectrometer was calibrated against the known γ -energies of Au¹⁹⁸ 412, Cr⁵¹ 325, Cs¹³⁷ 661, Zn⁶⁵ 511 and 1120, and Co⁶⁰ 1170 and 1330 e.kv. The half width was equal to 7.8% for Cs¹³⁷. Several groups of γ -lines are observed on the background of the continuous spectrum at about 0.1, 0.2, 0.4,

0.7, and 1.5 m e.v. The spectrum is compared to one predicted theoretically from relative isotope yield probabilities and cor. for back-scattered radiation and for radiation which escapes from the crystal to produce detectable photons.

A. Szafranski

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(115)

I 21910-66 EWT(m)/T/EWA(h) IJP(c)
ACC NRI AP60111466

SOURCE CODE: FI/0046/65/010/011/0669/0673

AUTHOR: Kownacki, Jan--Kownatski, Ya.; Marcinkowski, Androzej--Martsinkovski, A.

ORG: Laboratories I-A and I, Institute of Nuclear Research, Warsaw

TITLE: Proportional counter¹⁹ as a spectrometer for low-energy gamma and beta rays

SOURCE: Nukleonika, v. 10, no. 11, 1965, 669-673

TOPIC TAGS: x radiation, gamma radiation, beta radiation, electron capture, proportional counter, nuclear isomer

ABSTRACT: A proportional counter for nuclear spectroscopy was built. The counter will be used for the investigations of low energy gamma and beta radiation and particularly for the measurements of x radiation accompanying electron capture and isomeric transition. The energy resolution of the counter is 10.5% for x radiation of 22.2 kev from the ¹⁰⁹Ag nucleus. The authors thank Professor Z. Wilhelmi for stimulating this work and Manager A. Jasinski for useful discussions. Orig. art. has: 4 figures. [NA]

SUB CODE: 18, 20 / SUBM DATE: 16Apr65 / OTH REF: 006

Card 1/1 *MOS*

CHOJNACKI, S.; JASINSKI, A.; KUSCH, W.; KOWNACKI, J.; LANCMAN, H.;
YUTLANDOV, J.A.

γ spectra of ^{165}Tm and ^{167}Tm . Bul Ac Pol mat 8 no.6:407-411 '60.
(EEAI 10:6)

1. Institute of Nuclear Research, Polish Academy of Sciences.

Presented by H.Niewodniczanski.

(Gamma ray spectrometry) (Thulium)



AMEROZY, B.; FAUDROWICZ, A.; JASINSKI, A.; KOWNACKI, J.; LANCMAN, H.; LUDZIEJEWSKI, J.

Measurement of the mean life of the first excited state of Na^{23} .
Acta physica Pol 20 no.7:537-544 '61.

1. Institute of Nuclear Research, Polish Academy of Sciences, Warsaw.

EXCERPTA MEDICA Sec.17 Vol.4/3 Public Health,etc. Mar58

KOWNACKI, M.A.

886. SILICATOSIS AS A CLINICAL AND HYGIENIC PROBLEM. Pylica krzemianowa jako zagadnienie kliniczno-higieniczne - Kownacki M. A. - MED PRACY 1957, 8/2 (81-86)

Workers of ore mines situated in the silicate rocks are exposed to silicoses. In several establishments large and dangerous amounts of dust are produced during the underground scraping and slushing operations as well as in the industrial use of silica. Silicious dust dissolved in biological environments, producing free silicic acid, later becomes the principal cause of silicosis. In this manner silicatosi is one of the forms of silicosis. Silicatosi differs from silicosis in the clinical and roentgenological picture and in its course. This can be explained by the physico-chemical properties of silica. Not all kinds of silica are equally dangerous. The most dangerous is asbestos dust which can probably also cause spread of the tb processes.

DONHAISEROWA, Maria; KOWNACEI, Stanislaw

~~XXXXXXXXXXXXXXXXXXXX~~
Difficulties in diagnosis of leptospirosis. Przegl. epidem., Warsz.
8 no.4:291-296 1954.

1. Z Kliniki Chorob Zakaźnych Akademii Medycznej w Krakowie.
Kierownik: prof. dr J.Kostrzewski.
(WEIL'S DISEASE, differential diagnosis,)

KEDROWA, S.; KOWNACKA, A.; KOWNACKI, S.; WINOWSKA, R.; ZIEMCICHOD, T.;
ZIOBROWSKA, K.

Chloromycetin therapy of typhoid. Polski tygod. lek. 9 no. 44:
1409-1413 2 Nov 54.

1. Z Kliniki Chorob A.M. w Krakowie; kierownik: prof. dr.
J. Kostrzewski.

(TYPHOID FEVER, therapy,
chloramphenicol)

(CHLORAMPHENICOL, therapeutic use,
typhoid fever)

KOWNACKI, Stanislaw; ZIEMICHOD, Tadeusz

~~XXXXXXXXXXXXXXXXXXXX~~
Case of recurrent typhus abdominalis. Przegl. epidem.,
Warsz. 9 no.4:261-263 1955.

1. Z Kliniki Chorob Zakaznych A.M. w Krakowie. Kierownik:
prof. dr. J. Kostrzewski.
(TYPHOID FEVER,
recur. (Pol))

Kownacki, S.

KIETA-FYDA, Aleksandra.;BECKOWA, Halina.;KOWNACKI, Stanislaw.

Value of prontosil test in the determination of liver function
in epidemic hepatitis. Polski tygod. lek. 12 no.14:517-518 1 Apr
'57.

1. Z I Kliniki Chorob Wewnętrznych i Kliniki Chorob Zakaźnych A. M.
w Krakowie; kierownicy; prof. dr L Tochowicz i prof. dr J. Kostrzewski.
Krakow, i Klin. Chor. Wewn. A.M.

(HEPATITIS, INFECTIOUS, diag.

prontosil liver funct. test (Pol))

(LIVER FUNCTION TESTS

prontosil test in diag. & differ. diag. of infect.
hepatitis (Pol))

(SULFONAMIDES

prontosil liver funct. test in diag. & differ. diag. of
infect. hepatitis (Pol))

KOWNACKI, STANISLAW

DUMANSKA, Kazimiera; KOWNACKI, Stanislaw

Aldolase reaction in infectious hepatitis. Polski tygod. lek. 12 no.31:
1194-1196 29 July 57.

1. (Z Kliniki Chorob Zakaznych A. M. w Krakowie; kierownik: prof.
dr J. Kostrzeski). Adres: Krakow, ul. Kopernika 17, Klin. Chorob
Zakaznych A. M.

(HEPATITIS, INFECTIOUS, diagnosis,
aldolase test (Pol))

(DESMOLASES,
aldolase test in infect. hepatitis (Pol))

KOWNACKI, Stanisław; LASOCKA, Alicja

Outpatient care for infectious hepatitis patients discharged from a hospital. Przegl. epidem. 16 no.2:231-232 '62.

1. Z Oddziału Zakaznego Szpitala Miejskiego im. S. Zeromskiego Krakow-
Nowa Huta Ordynator: dr S. Kownacki Dyrektor Szpitala: dr S. Kostarczyk.
(HEPATITIS INFECTIOUS ther)

KOWNACKI, Stanislaw

Current problems of the organization of communicable disease
control in Poland. Przegl. epidemiol. 19 no.1:105-110 '65

1. Z Oddzialu Zakaznego Szpitala Miejskiego im. St. Zeromskiego
w Krakowie (Kierownik: dr. S. Kownacki).

KOWNACKI, W.

"Problems of planning technical production in surveying establishments", p. 276,
(PRZEGLAD GEODEZYJNY, Vol. 9, No. 10, October, 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L. C. Vol. 3, No. 4, April, 1954

KOWNACKI, Włodzimierz

The management of the building materials industry has been applying rational economy to the rock material deposits of the Kielce Voivodeship. Przegl geol 10 no.8:385-387 Ag '62.

1. Dyrektor Departamentu Geologii i Gornictwa, Ministerstwa Budownictwa i Materialow Budowlanych, Warszawa.

KOWNAS, S.

Tertiary flora from Dobrzyn on the Vistula River. p. 439.
ACTA GEOLOGICA POLONICA. Warszawa. Vol. 5, no. 4, 1955

SOURCE: East European Accessions List (EEAL) Library of Congress
Vol. 5, no. 7, August 1956

KOWNAS, STEFAN

Szczecin, miasto parkow i zieleni. 177p.

Poznan, Poland 1958

Monthly List of European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959

Uncl.

SIENICKA, Antonina, KOWNAS, Stefan

Rural praks in Szczecin Voivodeship. Prace Przyrod roln
Szczecin 16:1-116 '63

KOWNIER, S.

"Explanations of the work of Professor N. Wasiliew on the theory of elasticity." p. 41
(Przemysl Wlokienniczy, Vol. 7, No. 2, Feb. 1953, Lodz)

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 6, June.
1954, Uncl.

KOWNIER, S.

Commentary on Professor N. A. Wasiliew's work on the theory of stretching. Pt. 2, p. 221.
(PRZEMYSŁ WŁOKIENNICZY, Lodz, Vol. 7, no. 9/10, Sept./Oct. 1953.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955,
Uncl.

8-22
1931

COUNTRY : Poland
CATEGORY :
REF. JOUR. : FZKhim., No. 5 1960, No.
AUTHOR : Smith, I. and Kowol, H.
TITLE : Experiments on the Application of Producer Gas and Natural Gas Resins in the Production of Coke Briquettes
PUB. INFO : Koks, Smola, Gav, 5, No 2, 60-62 (1958)
ABSTRACT : The feasibility of the application of binders obtained from producer gas and natural gas resins in the production of metallurgical coke by the process developed at the Institute for the Chemical Processing of Coal is demonstrated. In this process the briquettes (B) are subjected to oxidative heat treatment. The effect of binder formulation, heat treatment time, and heat treatment temperature on the mechanical properties of B has been investigated. The selection of optimum heat treatment

310

CARD: 1/2

H-22
19319

COUNTRY : Poland
CATEGORY :
ABS. JOUR. : RZKHim., No. 5 1960, No.
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : conditions permits a reduction in the amount of
binder used in the production of B. Ya. Satunovskiy

CARD: 2/2

MATUSZEWSKI, Jerzy, mgr. inz.; KOWOL, Karol, mgr. inz.

Longwall face advance of 122 meters per month or 4.5 meters
per day in the Knurów colliery during January 1963.
Przegl. gorn 19 no.5:197-203 My '63.

SZOTEMBA, Laco, mgr inz.; KOROL, Karol, mgr inz.

Progress of 132.4 meters per month in the longwall of the
Krucow mine. Wiadom gorn 16 no.3:71-73 Wr '65.

Kowalski, J.

II-24

POLAND/Chemical Technology - Chemical Products and Their
Application. Wood Chemistry Products. Hydrolysis
Industry.

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 26585

Author : Kowalski Jerzy

Inst :

Title :

Experiments on Pyrolysis of Cellulose. Part I, II.

Orig Pub : Leks, smola, gaz, 1957, 2, No 1, 12-16; No 3, 95-98

Abstract : A study of the process of cellulose pyrolysis and of
the yields of pyrolysis products depending on quality
of cellulose, its moisture content, material of the
retort, its heating, etc. Yield of tar was 32-38%;
furfural was found to be present therein. The experi-
ments were conducted in an aluminum Fischer retort
(with and without Heinze packing) with addition of KOH
or NaOH solution to the cellulose. It was found that
on addition of 10% KOH or NaOH in the form of 20%

Card 1/2

- 51 -

KOWSZYK, Z.

BORENSZTAJN, D; GAWENDA-DZIERZYNSKA, I; KORZYBSKI, T; KOWSZYK, Z; KURYLOWICZ,
W; NIEDZWIECKA-TRZASKOWSKA, I.

Properties of nonspecific penicillin manufactured in Poland.
Polski tygod. lek. 7 no.7-8:177-181 18 Feb 1952, (CJML 22:2)

1. Of the National Institute of Hygiene in Warsaw.

KOWSZYK, Z.

right
 (2)
 Precipitation of penicillin with organic solvents. B. Pekacka, Z. Kowczyk, and T. Korzybski. *Farm. Polska* 9, 244-5 (1953). A sample of amorphous Na salt of penicillin, derived from the undersurface culture of *Penicillium chrysogenum* Q 178, strength about 1024 units/mg., was tested with the following anhyd. solvents: MeOH, EtOH, PrOH, BuOH, and isoamyl alc.; Et₂O and 1,4-dioxane; ethyl-, butyl-, and amylacetates; 99% Me₂CO, MeCOEt and iso-BuCOMe; and CHCl₃. The effects of these solvents on the iodometric reaction results were studied with respect to the detn. of penicillin. The lower alcs. interfered only to a small degree in the detn., while higher alcs., and particularly ketones, gave erroneous results. However, if the concn. of penicillin in these solvents is of the order of several tenths of a unit, the error of detn. will then not exceed more than a few %, which is within the limits of exptl. error for the method. The soly. characteristics of penicillin in the above solvents are tabulated. The following solvents are recommended for quant. testing: EtOH, BuOH, PrOH, isoamyl alc., and Me₂CO. These solvents cause initial soln. of the sample, followed by light copious pptn. of the Na salt of penicillin. Exptl.: 4-4.5 ml. of one of the solvents was added to 1 g. of the yellow penicillin. During soln., a yellow-white ppt. was formed, while the supernatant remained brownish. The soln., with ppt., was placed in an ice box for 30 min., centrifuged, the soln. (S₁) poured off, and its vol. measured. The remaining ppt. was suspended in 3 ml. of the same solvent, centrifuged, and the S₂ soln. poured off and vol. measured. The ppt. was washed 2 times with 3 and 2 ml. of Et₂O, and dried at room temp. in a vacuum desiccator over CaCl₂. (1) Strengths of

the samples obtained (iodometric method) averaged 1370 units/mg. from EtOH, 1478 from PrOH, 1532 from BuOH, 1328 from isoamyl alc., 1398 from Me₂CO. (2) Pptn. by means of the above solvents leads to a marked increase in penicillin yields: per g. of yellow amorphous penicillin-EtOH, 41%; PrOH 60; BuOH 68; isoamyl alc. 53; Me₂CO, 56; an av. of 56%. Samples, 10,000 units/ml., were photo-metrically analyzed; the lightest samples were obtained by butanol pptn. which were 13 times lighter in color than the original. Me₂CO pptn. was 5 to 8 times lighter. The relative amts. of benzylpenicillin (G) increased, while that of heptylpenicillin (K) decreased for all samples. Best results were obtained by pptn. with EtOH. The Z nos. (C.A. 45, 7748h) were for the original sample and for samples resulting from pptn. by EtOH = 6, for other solvents = 2. The Z no. for cryst. penicillin equals 1-3. The resulting samples approximated those of pure cryst. penicillin in properties. After 6 hrs. heating at 100° a com. sample of cryst. penicillin was 2% inactivated, the original amorphous penicillin 72% and the samples from pptn. with org. solvents 2-9%.

Clayton F. Holoway

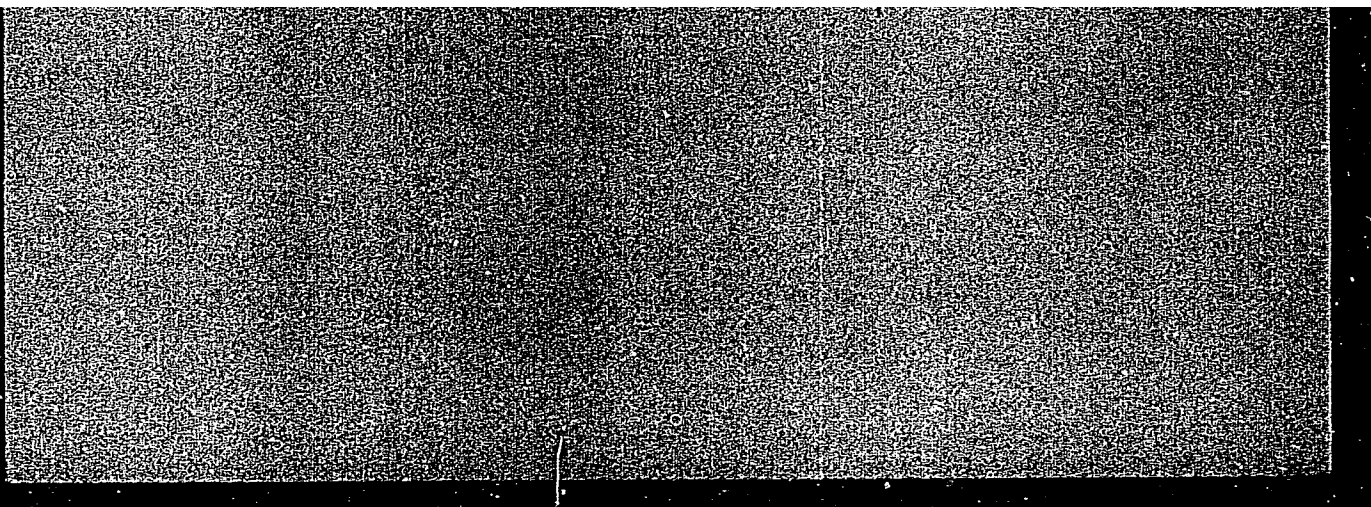
KOWSZYK, Z.

Qualitative determination of penicillin with paper chromatography. Med.
dosw. mikrob. 5 no.2:183-198 1953. (CML 25:1)

1. Of the State Institute of Hygiene in Warsaw.

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000825720



APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000825720C

Kowczyk, Z

FOI

[illegible]

KOWSZYK, Zuzanna: KORZYBSKI, Tadeusz

Preparation of aureomycin from fermentation fluids; method
of butanol extraction and precipitation in alkaline reaction.
Med.dosw.mikrob. 7 no.2:105-124 1955.

Z Panstwowego Zakladu Higieny w Warszawie.

(CHLORTETRACYCLINE, preparation of,
tubanol extraction & precipitation in alkaline
reaction)

KOWSZYK, Zuzanna

Effect of inorganic salt on paper chromatography of streptomycine.
Med.dosw.mikrob.7 no.2:169-176 1955.

1. Z Panstwowego Zakladu Higieny w Warszawie.

(STREPTOMYCIN, determination,
chromatography, eff. of salt)

(CHROMATOGRAPHY,
of streptomycin, eff. of salt)

KOWSZYK, Zuzanna

Determination of tetracycline antibiotics by paper chromatography.
Med. dosw. mikrob. 9 no.1:1-21 1957.

1. Z Zakladu Antybiotykow Panstwowego Zakladu Hygieny w
Warszawie.

(TETRACYCLINE, determ.

separation from chlortetracycline & oxytetracycline by
chromatography (Pol))

(CHLORTETRACYCLINE, determ.

separation from oxytetracycline & tetracycline by
chromatography (Pol))

(OXYTETRACYCLINE, determ.

separation from chlortetracycline & tetracycline by
chromatography (Pol))

EMILIANOWICZ-CZERSKA, Wladyslawa; KOWSZYK, Zuzanna

Chromatographic analysis of the antiphage substance in
Streptomyces strain No. 8. Med. dosw. mikrob. 9 no.1:
35-45 1957.

1. Z Zakladu Antybiotykow Panstwowego Zakladu Higieny w
Warszawie.

(STREPTOMYCES

antiphage substance isolation from strain No. 8 (Pol))

(BACTERIOPHAGE

same))

NIEMCZYK, HANNA

WOZNICKZ, Wanda; ~~KOWSZYK, Zuzanna~~; MAKAROWSKA, Zofia; NIEMCZYK, Hanna;
BOROWIECKA, Barbara; SZCZESNIAK, Tadeusz; TERLECKA, Janina; WILK, Edyta

Studies on antimycotic antibiotics. II. a new antibiotic. Med. dosw.
mikrob. 9 no.3:293-308 1957.

1. Z Zakladu Antybiotykow PZH w Warszawie.

(ANTIBIOTICS,

allowycin, antifungal properties (Pol))

KOWS24K, 2

WOZNICKA, Wanda; KOWSZE, Zuzanna; BOROWIECKA, Barbara; CHOJNOWSKI, Wawrsyniec;
DOBRZANSKA, Rosa; LUBINSKI, Olgierd; MAKAROWSKA, Zofia; NIEMCZYK, Hanna;
PASZKIEWICZ, Alina; HUCZAJ, Zbigniew; SOBICZEWSKI, Wojciech; SZCZESNIAK,
Tadeusz; SZENIAWSKI, Piotr; TERLECKA, Janina; WILK, Edyta; WITUCH, Krystyna

Alomycin; a new antifungal antibiotic. Med. dosw. mikrob. 9 no.4:441-450
1957.

1. Z Zakladu Antybiotykow Panstwowego Zakladu Higieny w Warszawie.
(ANTIBIOTICS, preparation of
alomycin, fungicidal properties (Pol))

KOWSZYK-GINDEFER, Zuzanna; PASZKIEWICZ, Alina. PŁOCIENNIK, Zofia;
NIEMCZYK, Hanna; RUCZAJ, Zbigniew; WOZNICKA, Wanda

Oncostation B(X) produced by Streptomyces sp., strain INA 16/58.
Med.dosw.mikrob. 12 no.3:281-300 '60.

1. Z Instytutu Antibiotyków w Warszawie
(ANTIBIOTICS)
(STREPTOMYCES)

KURYLOWICZ, Włodzimierz; UKLEJA-BORTKIEWICZ, Aleksandra; ROSZKOWSKI, Jozef;
KOWSZYK-GINDIFER, Zuzanna

Oncostatin K, an antibiotic with anti-tumor properties. Arch.immun.
ter.dosw. 9 no.3:443-463 '61.

1. Department of New Antibiotics, Institute of Antibiotics and
Department of Tumor Biology, Institute of Oncology, Warsaw.

(ACTINOMYCIN pharmacol) (NEOPLASMS exper)

PŁOCIENNIK, Zofia; RUCZAJ, Zbigniew; KOWSZYK-GINDIFER, Zuzanna;
WOZNICKA, Wanda; NIEMCZYK, Hanna; PASZKIEWICZ, Alina

Oncostatin C. II. Chemical part. Med.dosw.mikrob. 13 no.1:52-62 '61.

1. Z Instytutu Antybiotyków w Warszawie.

(ANTIBIOTICS chem)

PASZKIEWICZ, Alina; RUCZAJ, Zbigniew; KOWSZYK-GINDIFER, Zuzanna; WOZNICKA, Wanda; PLOCIENNIK, Zofia; NIEMCZYK, Hanna; KURYLOWICZ, Wlodzimierz

Studies on gramicidin I, a polypeptide antibiotic. I. Production and properties. Med.dosw.mikrob. 13 no.4:377-390 '61.

1. Z Instytutu Antybiotyków w Warszawie.

(ANTIBIOTICS pharmacol)

KOWSZYK-GINDIFER, Zuzanna

Production of eurymycin by the 7-K1 strain of Streptomyces
lavendulae. III. Characterization of preparations of eurymycin.
Arch. immun. ther. exp. 10 no.4:862-869 '62.

1. Institute of Antibiotics, Warsaw; Institute of New Anti-
biotics, Moscow.

(ANTIBIOTICS) (STREPTOMYCES)
(ION EXCHANGE RESINS)
(CHEMISTRY, ANALYTICAL) (CHROMATOGRAPHY)

KURYLOWICZ, Włodzimierz; KONSZYK-GINDIFER, Zuzanna

Progress in the field of antibiotics. Postepy hig. med. dozw. 19
no.4:469-491 J1-Ag '65.

1. Z Panstwowego Zakladu Higieny i z Instytutu Antybiotykow w
Warszawie (Dyrektor Panstwowego Zakladu Higieny: prof. dr.
W. Kurylowicz).

KOWZAN, Halina

Polish awards for French scientists. Problemy 21 no.4:247 '65.

KOX, F.

"Mass production and automation the galvanization of surfaces of metallic parts." p. 7.

TECHNICKA PRACA. (Rada vedeckych technickych spolocnosti pri Slovenskej akademii vied). Bratislava, Czechoslovakia, Vol. 7, No. 1, 1955.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

ACCESSION NR: AP4011799

P/0053/6.3/000/012/0692/0698

AUTHOR: Koxiolski, Marian

TITLE: Preparation of germanium single crystals by zone leveling method

SOURCE: Przegląd elektroniki, no. 12, 1963, 692-698

TOPIC TAGS: zone leveling, semiconductor, germanium, germanium single crystal, germanium semiconductor, solid state circuitry, crystallography, transistor, transistor physics

ABSTRACT: Article describes the results of using the zone leveling method for the preparation of germanium single crystals. The furnace was designed on the Crossel and Powell concept (Progress in Semi-conductors, II, (1957), page 137). In this method, the germanium is placed in an appropriately prepared quartz boat. The single crystal seed is placed in one end of this boat. The remainder of the boat is filled with a polycrystalline charge. A single crystal is obtained over the entire boat area by melting the germanium zone directly adjacent to the seed by a slow displacement of the furnace. The maintenance of several conditions is necessary in order to obtain a uniform quality of the single crystal.

Card 1/3

ACCESSION NR: AP4011799

These conditions are: (i) the plane of the single crystal's cross section should be parallel to the crystallographic (III) plane; (ii) the edge dislocations cutting the cross section plane should be distributed uniformly; (iii) the lifetime of minority carriers should be as high as possible for transistors of other semiconductor elements; and (iv) the desired resistivity of a single crystal is dependent upon the use for which the crystal is intended. Germanium single crystals were analyzed and the following was noted. The number of the dislocations was clearly dependent upon two main factors -- the shape of the crystallization front surface and the temperature gradient in the proximity of this surface. A large number of dislocations were generally produced with a large curvature of the crystallization front and high temperature gradient. The lifetime of the minority carriers was measured by the Valdes method. It was measured on the same cross sections as the dislocation density. Where the resistivity was above 40 ohm/cm, the minority carrier lifetime was 1000 microseconds and more. It was 250-350 microseconds on the average at a resistivity of 2 to 3 ohm/cm. The homogeneity of the resistivity along the length of the monocrystal was in harmony with hypothesis. The germanium was doped with antimony. Measurements showed that deviations from the mean were within the limits of the error of measurement along the entire length of the single

Cord 2/3

ACCESSION NR: AP4011799

crystals, with the exception of the last zone. Orig. art. has: 5 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 10Feb64

ENCL: 00

SUB CODE: PH, GE

NO REF SOV: 000

OTHER: 008

Card 3/3

5575

024.043:624.074.4

Kov. B. Stallo Work of Conoidal Shells in the Light of Experiments. 2

"Praca statyczna lupin konoidalnych w swietle przeprowadzo-
nych badan", Inzynieria i Budownictwo. No. 2, 1958, pp. 37-45, 21 figs.

An analytical determination of the state of stress in a conoid was
preceded by experiments made with a view to determining, either on
models or in sections of actual structures, their virtual static functioning.
Taking as a starting point the conventional shape of conoidal shells (the
roofs built covered rectangular spaces), the functions of loading were
determined. The computation of a conoid was made in two stages. In
the first stage, membrane forces required for the determination of the
central parts of the conoid were determined. In the second stage,
the boundary values of the membrane forces were assumed as loads
acting on elements supporting the conoid edges, on which basis these

elements were then dimensioned. The membrane forces, the stability of
the conoid, and forces acting in the upper and in the lower arch, were
thus determined. This furnished data necessary for the computation
of boundary phenomena. The method described ensures precise regi-
stering of the state of stress in a given system, and at the same time
corresponds, to a higher degree, to the actual disposition of forces
acting in it.

EW
///

KOY, Bohdan, eng.

Aluminum building elements. Architektura Pol no.7/8:263-267 '61.

KOY, Bohdan, mgr inż.

Analysis and shaping of models of roofs supported by one column.
Inż i bud 20 no.4:125-131 Ap '63.

1. Biuro Studiów i Projektów Typowych Budownictwa Przemysłowego,
Warszawa.

KOY, Bohdan, mgr inz.

First Polish pneumatic constructions in industrial building.
Inz i bud 20 no.8/9:282-289 Ag-S '63.

1. Biuro Studiow i Projektow Typowych Budownictwa Przemyslowego,
Warszawa.

KOY, Bohdan, mgr inz.

From studies on the disk-plate structure of 12-story apartment buildings. Inz i bud 21 no.9:316-320 S '64.

KOYAIN, V. V.

Dissertation: "The Reaction Mechanism of the Aryl Amination of Hydroxy Derivatives of Anthraquinone." Carl Chem Sci, Tomsk Polytechnic Inst, Tomsk, 1953. Referativnyy Zhurnal—Khimiya, Moscow, No 7, Apr 54.

SO: SUM 284, 26 Nov 1954

KOYAKIN, V.A.

Changes of lipoproteins and protein fractions of the blood serum
in pulmonary tuberculosis. Probl. tub. no.8:49-55'62.

(MIRA 16:9)

1. Iz I terapevticheskogo otdeleniya (rukovoditel' - kand.med.
nauk V.S.Gavrilenko) Moskovskogo nauchno-issledovatel'skogo
instituta tuberkuleza (dir. - kand.med.nauk T.P.Mochalova,
zam.dir. po nauchnoy chasti - prof. D.D.Aseyev), Ministerstva
zdravookhraneniya, RSFSR.

(BLOOD PROTEINS) (LIPOPROTEINS)
(TUBERCULOSIS)

KOYANBAYEV, D.B.

Field experiment on the use of trace-element fertilizers and some herbicides in rural schools. Khim. v shkole 18 no.1:72-75 Ja-F '63.
(MIRA 16:4)

1. Direktor Kzyl-Ordinskogo oblastnogo instituta usovershenstvovaniya uchiteley Kazakhskoy SSR.
(Agriculture--Experimentation) (Trace elements) (Herbicides)

Koyanski, V.I.

38300 KOYANDSKIY, V. I., MIKHEYENKO, A. G., AND SHIK, YA. L.

Tomografkhcheskoye prispobleniye k snimochennu shtativu. Problemy
tuberkuleza, 1949, No 6, s. 55-57. - Bibliogr: 5 nazv.

KOYANTSOV, N. I.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow,
Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.
Koyantsov, N. I. (Moscow) Ruled-geometric Analog of Three-
orthogonal Systems of Surfaces. 153-155

Mention is made of Vasil'yev, A. M.

There are 3 references, 2 of which are English, and 1 is USSR.

Korovin, V. I. (Moscow). Thrice Conjugated Systems
of Surfaces. 155

Kotov, I. I. (Moscow). On Completeness of Plotting
Ruled Surfaces and Surfaces With Circular Generators. 155

Kruchkovich, G. I. (Moscow). On Motion in Riemann Spaces. 155-157

Liber, A. Ye. (Saratov). On the Geometry of \mathcal{M} -Surfaces
in Affine and Projective Spaces. 157-158

Card 50/80

K O I A V A, L. I.

KURASHVILI, B.Ye.; RODONAYA, T.E.; KO^VAVA, L.I.

Study of helminthofauna parasitic on fishes of certain bodies of water of the interior of Georgia [in Georgian with summary in Russian] Trudy Zool.inst. AN Gruz. SSR 10:93-120 '51. (MLRA 7:7)
(Parasites--Fishes) (Georgia--Worms, Intestinal and parasitic) (Worms, Intestinal and parasitic--Georgia)

KOYAVA, L.I.

New species of nematode (Simondasia Petrowi Nov. Sp.) found in
wild pigs of Georgia. Subj. AN Gruz. SSR 15 no. 7:467-472 '54.
(MIRA 8:6)

1. Akademiya nauk Gruzinskoy SSR, Institut zoologii, Tbilisi.
Predstavleno deystvitel'nym chlenom Akademii F.A. Zaytsevym.
(Georgia--Nematoda) (Parasites--Swine)

KOYAVA, L.I.

Data on helminths of the wild bear (*Sus scrofa* L.) in eastern Georgia
[in Georgian with summary in Russian]. Trudy Inst.zool.AN Azerb.SSR
14:215-235 '56. (MIRA 9:9)
(Georgia--Worms, Intestinal and parasitic) (Parasites--Wild bear)

KOYAVA, L.I.

Results of studying helminths of coypu on the Gardabani and
Sukhumi farms [in Georgian with summary in Russian]. Trudy Zool.
inst.AN Gruz. SSR 15:242-246 '56. (MLRA 10:8)
(Georgia--Coypu)

KOYAVA. L.I.

New nematodes (*Metastrongylus tsciuricus*, n.sp.) parasiting in
wild bears in Georgia. Soob.AN Gruz. SSR 17 no.6:527-530 '56.
(MIRA 9:10)

1. Akademiya nauk Gruzinskoy SSR, Institut zoologii, Tbilisi. Pred-
stavleno akademikom F.A. Zaytsevyu.
(Georgia--Nematoda) (Georgia--Wild bears) (Parasites--Mammals)

KOYAVA, L.I.

Study of the helminth fauna of domestic swine in Georgia.
Soob. AN Cruz. SSR 27 no.5:601-606 N '61. (MIRA 15:1)

1. AN Gruzinskoy SSR, Institut zoologii, Tbilisi. Predstavleno
chlenom-korrespondentom AN Gruzinskoy SSR L.P. Kalandadze.
(Georgia--Worms, Intestinal and parasitic)
(Parasites--Swine)

KOYAVA, V. A.

KOYAVA, V. A.: "The problem of treating congenital clubfoot in children." Georgian State Publishing House for Medical Literature. Tbilisi State Medical Inst. Tbilisi, 1956.
(Dissertation for Degree of Candidate in Medical Sciences).

30: Knizhnaya letopis', No 23, 1956

KOYAVA, V.A.

Results of conservative treatment in fractures of the femoral
neck in old age during a stay in a hospital. Trudy Tbil. GIDUV
6:435-443 '62. (MIRA 16:2)

(FEMUR--FRACTURE)

KOYAVA, V. K., SHAFER, YU. G., SHVARTSMAN, B. F., KAMMER, H. S., DORMAN, L. I.

"Observation of the Large Cosmic Ray Increase of February 23,
1956 in the USSR."

Scientific Research Institute of Terrestrial Magnetism (Moscow)
Sverdlovsk Geophysical Observatory
Tbiliki Cosmic Ray Station
Yakutsk Affiliate of the Academy of Sciences of the USSR
Cape Schmidt Cosmic Ray Station

Nuclear Physics, 1, No. 8, 1956, p 585-592

DORMAN, L.I.; KAMINER, N.S.; KOIABA, V.K.; SHVARTSMAN, B.F.

A great outburst of cosmic ray intensity on February 23, 1956. as observed in Moscow, Sverdlovsk, Tbilisi and on Cape Schmidt. Dokl. AN SSSR 108 no.5:809-812 Je '56. (MIRA 9:10)

1. Nauchno-issledovatel'skiy institut zemnogo magnetizma, Sverdlovskaya geofizicheskaya observatoriya, Tbilisskaya stantsiya kosmicheskikh luchey, Stantsiya kosmicheskikh luchey na mysu Shmidta. Predstavleno akademikom D.V. Skobel'tsynom.
(Cosmic rays)

BLOKH, Ya.L.; INOZEMTSEVA, O.I.; KAMINER, N.S.; KOPYLOV, Yu.M.;
KOYAVA, V.K.; SERGEYEV, A.V.

Variations in the intensity of cosmic rays recorded Nov. 12-15,
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TITLE: Effects of magnetic storms in cosmic rays during the minimum of solar activity

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TEXT: The authors analyzed the decrease of intensity of cosmic radiation during magnetic storms (Forbush effect) in 1953-1955, using data on magnetic storms obtained at Tbilisi and data on cosmic radiation gathered with the aid of an ionization camera. An analysis of the effect of magnetic storms of different intensity and nature of commencement on the cosmic radiation leads to the following preliminary conclusions: The Forbush effect is observed only for big storms commencing suddenly. Consequently, the corpuscular streams causing these storms carry frozen-in magnetic fields of large extent and high strength. These fields scatter effectively cosmic rays with an energy of dozens of Bev. For big storms beginning suddenly, an effect of increase before the commencement of magnetic storms apparently takes place. This shows that the corpuscular streams, causing the storms in the minimum of solar activity, are magnetized and that a magnetic

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